

Spring Semester 2012

## **Responsible conduct of environmental research (GEOS 596K)**

*Whose data are these?*

*Should I be on this land? Do I really need to bother with a permit?*

*Why shouldn't I just hide these samples in my backpack when returning to the USA?*

*What impacts will my sampling or data-collection have?*

*What are the rules of the publication game?*

*Do ideas have owners?*

*What data should I share and when?*

*What constitutes research misconduct?*

*How do I deal with mistakes?*

*What are my responsibilities to my supervisor and to those I supervise?*

*How should I discuss my work with non-experts?*

These are some of the questions we will address in this course concerning the responsible and ethical conduct of research (RECR) for graduate students in earth and environmental sciences. This will be done using structured discussions and role-play based on readings and other materials provided in advance of each class meeting. The aim is to develop awareness of RECR issues both as they apply to scientists in general and more particularly to the special needs of scientists working in the earth, atmospheric, hydrologic, ecological and other environmental fields.

There are now Federal requirements for training in the responsible and ethical conduct of research. This class has been designed with the National Science Foundation's requirements in mind, with particular emphasis on the needs of graduate students and early-career scientists in a range of earth and environmental, mainly field-based, sciences.

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Class location: Gould-Simpson Rm. 209

Class time: Thursday 9:00 am to 10:50 am for eight weeks

More details at [http://www.ltrr.arizona.edu/~mhughes/GEOS\\_596K\\_RCER/](http://www.ltrr.arizona.edu/~mhughes/GEOS_596K_RCER/)

